

## ECS Configuration Change Request

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1. Originator Evan Winston	2. Log Date: 14 Jul 00	3. CCR #: 00-0735	4. Rev: —	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5A.06 Faun Firebird.04 for Delivery to DAACs and VATC. .04 adds fix for NCR 27342.						
9. Originator Signature/Date <i>Evan Winston 7/14/00</i>		10. Class II	11. Type: CCR		12. Need Date: 14 July 2000	
13. Office Manager Signature/Date <i>Paul K. Knaus 7/14/00</i>		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected:DPS		
19. Release Affected by this Change: 5A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: .04 corrects: ECSed 27342.(attached) .03 corrected: ECSed26848 Previous Firebird.02 corrected: 18274,26040,26356.						
23. Problem: (use additional Sheets if necessary) Execution Manager should not hold lock while tarring files for Prod Hist (reported by GSFC)  Jobs at the GDAAC hold the DPS Resource Lock in the post execution phase of processing while creating the Production History tar file. It is unnecessary to lock the database tables during this time and results in severely impeding processing.						
24. Proposed Solution: (use additional sheets if necessary) Fix to ECSed27342 corrects the problem by -- Release lock in the post-execute method in DpPrExecutionManager.cxx prior to tarring files into the production history log file.  This requires that the DPS executable, EcDpPrEM, be delivered by this Test Executable. EcDpPrEM was previously delivered (along with EcDpPrDM) in Firebird.03.						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAAC must work around problem.						
27. Justification for Emergency (If Block 15 is "Emergency"): Should be provided as soon as possible to solve the processing throughput problem.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Robert J. Miller 7/14/00</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>Kenneth L. Puckett 7/14/00</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&amp;O

## ADDITIONAL SHEET

CCR #: **00-0735** Rev: — Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

**Title of Change:** Test Executable 5A.06 Faun Firebird.04 for Delivery to DAACs and VATC. .04 adds fix for NCR 27342..

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5A baseline and provide to the SMC.

/ecs/formal/ PDPS/DPS/bin/sun5.5/EcDpPrEM  
/ecs/formal/ PDPS/DPS/bin/sun5.5/EcDpPrDM

SMC: Receive the TAR file(s) and make available to the DAACs.

DAAC Install instructions:

Firebird.04 TE provides Fix for 27342 requested by GSFC, problem exists at all DAACS,

Note: The following options for Firebird TEs:

- a. If you are running with Firebird.02, you may continue to use Firebird.02 without loading .03 or.04 (but you will not have the solution to NCRs 26848 and 27342).
- b. You may load Firebird.04 on top of Firebird.03 -- If so you need only replace EcDpPrEM
- c. You may load Firebird.04 on top of Firebird.02 -- If so you need to replace both EcDpPrEM and EcDpPrDM.
- d. You may load Firebird.04 on top of 5A.05 Electra even if no other Firebird TEs were installed previously -- If so you need to replace both EcDpPrEM and EcDpPrDM. Or,
- e. You may continue to operate without any Firebird TE.

Instructions:

1. Get TAR File from SMC distribution; un-TAR and  
Use the 'cp' from the command line to install/replace files.

2. REPLACE all occurrences of the files included with this TE mode-by-mode, using the same permissions levels and ownerships as previous file. Target directory is: /usr/ecs/OPS/CUSTOM/bin/DPS  
Normally these files are loaded on the PDPS "queuing server" machines: x0sps0x (eg: g0sps06 or l0sps03), but this may vary from site to site.

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